

## REMARKS

Claims 1-41 are in the application.

Claims 1, 3, 8, 11, 12, 15-17, and 21-23 are amended.

Claims 24-39 are new.

Claim amendments are marked in accordance with 37 C.F.R. 1.173(b)(2) (July 1, 2003)(underline/bracket format).

Statement pursuant to 37 C.F.R. 1.173(c):

The amendments to claim 1 are all believed to find support within the original claim, with the exception of the last clause. The last clause, which reads:

“a relative arrangement of members of the output database set being responsive to manipulation of said graded representation portion by the user.”

is believed to be supported by original claim 14, as well as others. It is noted that a ranking is a type of arrangement.

The amendment to claims 3 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 8 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 11 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 12 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 15 is to provide proper antecedent basis, and is supported by the original claim. The final clause finds support in claim 14.

The amendment to claims 16 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 17 is to provide proper antecedent basis, and is supported by the original claim.

The amendment to claims 21 corrects a typographical error in the patent.

The amendment to claims 22 corrects a typographical error in the patent.

The amendment to claims 23 is supported in the specification on col. 14, line 5-Col. 15, line 38.

Claim 24 is supported in Col. 6, lines 23-25.

Claim 25 is believed to be broader than claim 1, and is therefore supported by claim 1.

Claim 26 is supported by the abstract, third-to-last line.

Claim 27 is supported by Col. 3, line 20.

Claim 28 is supported by Col. 17, line 25.

Claim 29 is supported on Col. 19, line 58.

Claim 30 is supported on Col. 19, line 58.

Claim 31 is supported by Col. 6, lines 10-16.

Claim 32 is supported by col. 14, line 5-Col. 15, line 38.

Claim 33 is supported in Col. 6, lines 23-25.

Claim 34 is supported by col. 14, line 5-Col. 15, line 38.

Claim 35 is supported by Col. 14, lines 23-33.

Claim 36 is supported by Col. 14, line 26.

Claim 37 is supported by Col. 6, lines 10-16.

Claim 38 is supported by Col. 15, lines 1-18.

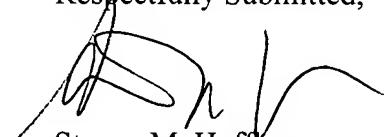
Claim 39 is supported by Col. 14, line 5-Col. 15, line 38.

Claim 40 is supported by claim 1.

Claim 41 is supported by Fig. 8E, and Col. 21, lines 26-35.

The application is now believed to be in form for examination.

Respectfully Submitted,



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